

## CLAIMS

I claim:

1. A method of overcoming a watermark security system, comprising:

receiving a request for a requested segment of a plurality of segments that comprises a

5 data set,

locating a substitute segment from a collection of substitute segments,

the substitute segment having a watermark that contains a watermark value that is associated with the requested segment, and

communicating the substitute segment in response to the request for the requested

10 segment.

2. The method of claim 1, wherein

locating a substitute segment includes

determining the watermark value that is associated with the requested segment.

3. The method of claim 1, further including

identifying a select subset of the plurality of segments that comprise the data set, and

communicating the requested segment in response to the request when the requested segment is within the select subset.

4. The method of claim 3, further including

adding segments of the select subset to the collection of substitute segments.

5. The method of claim 1, further including

receiving a dictionary of the data set that identifies each watermark value corresponding to each segment of the plurality of segments comprising the data set, to facilitate determining the watermark value that is associated with the requested segment.

6. A substitution system, comprising:

an interface that is configured to receive a request for a requested segment of a plurality of segments comprising a data set,

5 a dictionary that is configured to provide a watermark value corresponding to the requested segment, and

a substitution device, operably coupled to the interface and to the dictionary, that is configured to provide a substitute segment from a collection of watermarked segments in response to the request,

wherein

10 the substitute segment includes a watermark that has the watermark value corresponding to the requested segment.

7. The substitution system of claim 6, further including

a select subset of segments of the plurality of segments comprising the data set,

15 wherein

the interface is further configured to provide the requested segment from the select subset of segments, when the requested segment is within the select subset.

8. The substitution system of claim 7, wherein

20 the substitution system is further configured to add segments of the select subset of segments to the collection of watermarked segments.

9. The substitution system of claim 6, wherein

25 the dictionary is further configured to receive a mapping of each watermark value corresponding to each segment of the plurality of segments comprising the data set, to facilitate a determination of the watermark value corresponding to the requested segment.

10. A computer program that, when executed on a computing system, is configured to facilitate the following operations:

receiving a request for a requested segment of a plurality of segments that comprises a data set,

5 locating a substitute segment from a collection of substitute segments, the substitute segment having a watermark that contains a watermark value that is associated with the requested segment, and

communicating the substitute segment in response to the request for the requested segment.

10

11. The computer program of claim 10, wherein the computer program further facilitates: determining the watermark value that is associated with the requested segment.

12. The computer program of claim 10, wherein the computer program further facilitates: identifying a select subset of the plurality of segments that comprise the data set, and communicating the requested segment in response to the request when the requested segment is within the select subset.

15

13. The computer program of claim 12, wherein the computer program further facilitates: adding segments of the select subset to the collection of substitute segments.

20

14. The computer program of claim 10, wherein the computer program further facilitates: receiving a dictionary of the data set that identifies each watermark value corresponding to each segment of the plurality of segments comprising the data set, to facilitate determining the watermark value that is associated with the requested segment.

25

15. A method of creating a dictionary of substitute segments for overcoming a watermark security system, the method comprising:

receiving a request from the watermark security system for a select segment of a data set that includes a plurality of segments,

5 providing a substitute segment from a collection of substitute segments,

determining whether the substitute segment is acceptable to the watermark security system,

associating the substitute segment to the select segment of the data set, if the substitute segment is acceptable to the watermark security system.

10

16. The method of claim 15, wherein

the dictionary is configured to contain a set of associations of substitute segments for the plurality of segments of the data set.

15  
20  
25  
30  
35  
40  
45  
50  
55  
60  
65  
70  
75  
80  
85  
90  
95  
100  
105  
110  
115  
120  
125  
130  
135  
140  
145  
150  
155  
160  
165  
170  
175  
180  
185  
190  
195  
200  
205  
210  
215  
220  
225  
230  
235  
240  
245  
250  
255  
260  
265  
270  
275  
280  
285  
290  
295  
300  
305  
310  
315  
320  
325  
330  
335  
340  
345  
350  
355  
360  
365  
370  
375  
380  
385  
390  
395  
400  
405  
410  
415  
420  
425  
430  
435  
440  
445  
450  
455  
460  
465  
470  
475  
480  
485  
490  
495  
500  
505  
510  
515  
520  
525  
530  
535  
540  
545  
550  
555  
560  
565  
570  
575  
580  
585  
590  
595  
600  
605  
610  
615  
620  
625  
630  
635  
640  
645  
650  
655  
660  
665  
670  
675  
680  
685  
690  
695  
700  
705  
710  
715  
720  
725  
730  
735  
740  
745  
750  
755  
760  
765  
770  
775  
780  
785  
790  
795  
800  
805  
810  
815  
820  
825  
830  
835  
840  
845  
850  
855  
860  
865  
870  
875  
880  
885  
890  
895  
900  
905  
910  
915  
920  
925  
930  
935  
940  
945  
950  
955  
960  
965  
970  
975  
980  
985  
990  
995